Sr. No	Question	Q - A	Q - B	Q - C	Q - D	Correct Answer
1	The binary equivalent of the decimal number 10 is _____	1000	10	1010	100	
2	(11100111) - (00010011)	10101110	01101010	11010100	00000101	
3	$(10011)_2 + (1001)_2$	11100	11000	101110	11110	
4	$(10011101)_2$= (?) 10	(150)10	(153)10	(157)10	(155)10	
5	$(10101)_2 - (01110)_2$	111	101	110	10000	
6	$(110.101)_2 = (?)_{10}$	6.62	6.21	6.33	5.62	
7	(1111100.001111)2 to decimal	123.024	124.49	124.24	24.124	
8	_____are the symbols used in decimal number system.	1 to 10	0 to 10	0 to 9	1-11	
9	0 and 1 are the symbols used in_____ number system.	Hexadecimal	Binary	Octal	Decimal	
10	0 to 31 & 127 is _____ in ASCII character set	letters	numbers	punctuation marks	control characters	

Sr. No	Question	Q - A	Q - B	Q - C	Q - D	Correct Answer
11	0-1 = ?	1 carry 1	1 borrow 1	0 borrow 1	1 carry 0	
12	1 + 1=?	0 borrow 1	11	10	none of the above	
13	1 nibble equals to	1 bits	2 bits	4 bits	8 bits	
14	4 bit binary code for decimal number 15	1110	1111	1100	1101	
15	A computer language that is written in binary codes only is _____	Machine Language	C#	C++	Pascal	
16	A half byte is known as _____	bit	semi byte	nibble	micro byte	
17	Add binary numbers 100111 and 11011	01000010	01010010	00100100	01010001	
18	Addition of binary numbers 10001 and 11101 is?	101110	111010	101010	111111	
19	Aggregation of 4 bits is called_____.	Bit	Byte	half bit	nibble	
20	ANSI (American National Standards Institute) published ASCII in _____	1963	1964	1962	1964	

Sr. No	Question	Q - A	Q - B	Q - C	Q - D	Correct Answer
21	ANSI Character set, is an _____ bit character set.	32	16	64	8	
22	ANSI stands for	American national standards institute	architectural national standards institute	asian national standards institute	none of the mentioned	
23	ASCII character supports _____ total number of characters	256	128	64	512	
24	ASCII code is an	Alpha numeric code	Cyclic code	Numeric code	Alphabet code	
25	ASCII is a _____ bit character code	8	6	7	10	
26	Base 16 means	Binary number	Hexa Decimal Number	Octal number	Decimal number	
27	Base of Hexadecimal number system is?	2	8	10	16	
28	Binary addition : 1+1+1=	11	10	01	111	
29	Binary equivalent of decimal 8 is	1010	1011	1000	1111	
30	Binary number 111 is equivalent to decimal	111	7	2	5	

Sr. No	Question	Q - A	Q - B	Q - C	Q - D	Correct Answer
31	Binary representation of decimal number 65 is	10001	1000000	100010	1000001	
32	Binary Subtraction : 100 - 11=	110	001	011	111	
33	Bit stands for_____	Binary Digits	Bit of system	a part of byte	All of above	
34	Convert $(110001.101)_2$ to Decimal	49.625	48.624	49.624	48.625	
35	convert 100001110.1001 into equivalent decimal	607.27	670.207	270.607	276.007	
36	CONVERT 1011010 INTO EQUIVALENT DECIMAL	90	67	45	900	
37	convert 11101011.10110 into equivalent decimal	235.22	253.2	230.22	235.2	
38	Convert decimal 213 to binary	11001101	1111001	11010101	11100011	
39	convert decimal 31 into binary	11111	01110	11001	00101	
40	convert given binary 100011100 into decimal	294	284	258	482	

Sr. No	Question	Q - A	Q - B	Q - C	Q - D	Correct Answer
41	Convert the binary equivalent 10101 to its decimal equivalent.	21	12	22	31	
42	Convert the binary equivalent 10111 to its decimal equivalent	21	12	23	22	
43	Convert the decimal number 0.0625 to binary.	0.0111	0.111	0.0011	0.0001	
44	Convert the decimal number 14.875 to binary.	1110.0111	1110.111	1111.1011	1100.11	
45	Covert the binary equivalent 10101 to its decimal equivalent.	21	12	22	31	
46	Decimal 10 is equivalent to binary	1011	1100	1010	0111	
47	Decimal number equivalent to binary numbers 1110101	117	165	177	175	
48	Decimal number system has _____ digits	8	7	19	10	
49	Deduct 1101 from 11101 and we get?	10001	11000	10000	11000	
50	Each hexadecimal digit can be represented using	4 bits	8 bits	16 bits	32 bits	

Sr. No	Question	Q - A	Q - B	Q - C	Q - D	Correct Answer
51	Each hexadecimal digit converts to _____ binary digits.	16	4	8	12	
52	Each octal digit can be represented using _____ digits.	4 binary	3 binary	8 binary	3 bit	
53	Each Octal digit converts to _____ binary digits.	3	12	16	8	
54	Equivalent binary number of decimal number 0.25 is	0.11	0	0.01	1	
55	Find decimal equivalent to binary number 1011101	93	102	105	95	
56	Find the Decimal equivalent to binary number 110110 ?	50	51	58	54	
57	find the sum of binary number 1010 and 0011	1101	0101	1010	0010	
58	For Octal number system, largest single digit number is?	1	7	9	10	
59	From __ digits are there in Octal number system	1-8	0-7	0-8	1-9	
60	Full form of ASCII is	Alphanumeric Standard Code for Information Interchange	American Standard Class for International Interchange	American scientific Character for Information Interchange	American Standard Code for Information Interchange	

Sr. No	Question	Q - A	Q - B	Q - C	Q - D	Correct Answer
61	Hexadecimal numbers are a mixture of	Octal and decimal numbers	Binary and octal numbers	Letters and decimal digits	None of these	
62	How is the number 3 represented in non-positional number system?	I	II	III	IIII	
63	How many unique numeric symbols are used in the decimal number system?	unlimited	Nine	One	Ten	
64	if $(75)_{10} = (?)_2$	1010110	1001011	1011010	1010101	
65	If the decimal number is a fraction then its binary equivalent is obtained by _____ the number continuously by 2.	Deviding	Multiplying	Adding	Subtraction	
66	In positional number system the base of binary number system is_____	8	16	2	10	
67	Initially ANSI codes contains _____ of characters.	237	238	255	254	
68	Initially ASCII was _____ bit code, and contains _____ number of characters.	8,255	7,127	7,128	8,254	
69	Nibble is aggregation of	2 bits	3 bits	4 bits	8 bits	
70	Perform binary addition of $(0110)_2 + (0101)_2$ is _____	(1011)2	(1101)2	(1110)2	(1111)2	

Sr. No	Question	Q - A	Q - B	Q - C	Q - D	Correct Answer
71	Perform binary addition of $(10000111)_2 + (11100111)_2$ is _____	(110101011)2	(110101110)2	(101101110)2	(110101010)2	
72	Perform binary addition of $(1101)_2 + (0010)_2$ is _____	(1110)2	(1111)2	(0111)2	(0011)2	
73	Perform binary addition of $(11111111)_2 + (10101011)_2$ is _____	(110101011)2	(110101110)2	(110111110)2	(110101010)2	
74	Perform binary addition of 1101 + 0010 is _____	1110	0111	1101	1111	
75	Perform binary subtraction of $(1010111)_2 – (11011)_2$	(111101)2	(111000)2	(111100)2	(110000)2	
76	Perform binary subtraction of $(1100100)_2 – (1000110)_2$	(11110)2	(11111)2	(111101)2	(10110)2	
77	Radix of hexadecimal number system is	2	8	10	16	
78	Select the odd one from following.	(7665)10	(787)8	(BCA)16	(100001)2	
79	Select the odd one out.	Binary	Decimal	Octal	ANSI	
80	Subtract 11110 - 100111	011001	110011	001001	101010	

Sr. No	Question	Q - A	Q - B	Q - C	Q - D	Correct Answer
81	Subtract of binary number 10011 from binary number 1001 is	-(01010)2	(01010)2	(11010)2	-(11010)2	
82	The ASCII character set is a _____of the ANSI character set	superset	subset	union	intersect	
83	The base value of decimal number system is	2	6	8	10	
84	The binary addition 1 + 1 + 1 gives	111	10	110	11	
85	The binary equivalent of $(123)_{10}$ will be _____	(1111001)2	(1001011)2	(1111011)2	1111000)2	
86	The binary equivalent of $(355.75)_{10}$ will be _____	(101100011.11)2	(101100011.00)2	(101100000.11)2	(100000011.11)2	
87	The binary equivalent of $(569.25)_{10}$ will be _____	(1000000001.01)2	(1000111000.11)2	(1000111001.11)2	(1000111001.01)2	
88	The binary equivalent of $(66)_{10}$ will be _____	(0100001)2	(1000010)2	(1000011)2	(1000000)2	
89	The binary equivalent of the decimal number 10 is _____	0010	1010	1111	0101	
90	The decimal equavalent of 1000 is	8	7	9	3	

Sr. No	Question	Q - A	Q - B	Q - C	Q - D	Correct Answer
91	The decimal equivalent of (0.101)2 will be _____	(0.5)10	(0.625)10	(0.25)10	(0.875)10	
92	The decimal equivalent of (0.110)2 will be _____	(0.5)10	(0.625)10	(0.75)10	(0.875)10	
93	The decimal equivalent of (101010.101)2 will be _____	(40.875)10	(42.682)10	(40.75)10	(42.625)10	
94	The decimal equivalent of (1101)2 is	9	10	13	12	
95	The decimal equivalent of (11101.1011)2 will be _____	(29.6875)10	(28.68)10	(28.75)10	(30.75)10	
96	The decimal equivalent of binary number 0.0111 is	4.375	0.4375	-0.4375	0.5375	
97	The digital system usually work on	octal number system	binary number system	decimal number system	hexadecimal number system	
98	The digital systems usually operate on .....system.	Binary	Decimal	Hexadecimal	Octal	
99	The octal number system comprises of only ___ digits	2	4	8	10	
100	The radix of octal number system is _____.	5	4	8	7	

Sr. No	Question	Q - A	Q - B	Q - C	Q - D	Correct Answer
101	The two types of ASCII are _____ and _____	ASCII-4 and ASCII-8	ASCII-1and ASCII-2	ASCII-8 and ASCII-9	ASCII-7 and ASCII-8	
102	The value of each digit is determined by_____	The digit itself	The position of the digit in the number	The base of the number system	all of the above	
103	There are _____ number of characters represented in ASCII.	64	256	128	8	
104	To form the binary number system which two numbers is correct	0 and 1	1 and 2	2 and 3	0 and 3	
105	What is binary of decimal value 22?	10001	10111	11100	10110	
106	What is binary of decimal number 68?	1000100	100100	1000110	1100110	
107	What is binary value of decimal number 1.25?	1.01	1.1	1.11	1	
108	What is decimal of binary number 1111101?	124	130	112	125	
109	What is Decimal value of binary number 10101?	25	22	21	23	
110	What is decimal value of binary number 2.50?	10.1	10.01	10.11	11.1	

Sr. No	Question	Q - A	Q - B	Q - C	Q - D	Correct Answer
111	what is resulant decimal value for binary 11110 - 11011	4	3	5	6	
112	what is the addition of binary number 11011010 and 10100101	101010101	101111101	101111111	010111000	
113	What is the biggest binary number you can write with 6 bits?	64	32	128	16	
114	What is the binary equivalent of 100?	1100100	1100101	1100111	1111000	
115	What is the binary equivalent of 65	1100001	1110001	1000001	1000010	
116	what is the decimal equivalent of bianry no 1101	12	13	14	12	
117	What is the decimal value of 20?	2	0	1	3	
118	What is the result of binary addition 1101 + 1100	11101	10011	11011	10101	
119	What will be binary equivalent of (24)10?	10110	11001	11000	10111	
120	What will be Decimal equivalent of (11111111)2 ?	200	254	128	255	

Sr. No	Question	Q - A	Q - B	Q - C	Q - D	Correct Answer
121	what will be the subtraction of (110001)2 - (100111) 2 ?	1110	1100	1010	1001	
122	Which is the highest hexadecimal number	AA	00	EE	FF	
123	Which is the smallest among given belowe	Byte	Bit	Nibble	Word	
124	Which is typically the Smallest: bit, byte, nibble, word?	bit	byte	nibble	pixel	
125	Which number system is usually followed in a typical 32-bit computer?	Binary	Decimal	Hexa Decimal	Octal	
126	Which of the following is also known as Arabic number system?	Binary	Decimal	Octal	Hexadecimal	
127	Which of the following is correct binary number	(123)2	(000)2	(111)8	3A4	
128	Which of the following is not a binary number?	111	000	12D	1010	
129	Which of the following is not a binary number?	110	19F	0011	1100	
130	Which of the following is not a positional number system?	Decimal	Binary	Octal	Roman	

Sr. No	Question	Q - A	Q - B	Q - C	Q - D	Correct Answer
131	Which of the following is not an example of binary numbers?	01010101	11001100	111111	none of the above	
132	Which of the following is the correct represent of a binary number?	(124)2	1110	(112)2	(001)2	
133	Which of the following is the correct represent of a Decimal number?	(124)10	1110	112	0	
134	Which of the following number system is known as base - 10	Binary number system	Hexadecimal number system	Octal number System	Decimal Number System	
135	Which of the following Number System is supported by Computers?	Decimal	Hexadecimal	Octal	All of the above	
136	Which one is not a number system with reference to computer?	Decimal Number System	Binary Number System	Penta Number System	Octal Number System	
137	_____of the number system is the total number of digits allowed by number system.	Base	Radix	Both of the above	None of the above	
138	Base 8 number system means	Binary	Octal	Decimal	Hexadecimal	
139	Smallest unit of data in computer is called _____	Binary Digit	Big Digit	Binary Data	None	
140	1 byte = _____ bits	2	4	8	16	

Sr. No	Question	Q - A	Q - B	Q - C	Q - D	Correct Answer
141	1 Kilobyte = _____bytes	1024	104	1042	102	
142	$(156)_{10} = (?)_2$	0110 1100	1001 0011	1001 1100	0110 0011	
143	$(1011.01)_2 + (11.011)_2 = (?)_2$	1110.101	1010.101	1000.101	1110.011	
144	$(110.1100)_2$ - (100.0011)2	10.1001	1.1001	101.1001	None	